

Title (en)
Method and system for managing an electrical output of a turbogenerator

Title (de)
Verfahren und System zum Verwalten der Stromabgabe eines Turbogenerators

Title (fr)
Procédé et système de gestion de sortie électrique d'un turbogénérateur

Publication
EP 1833158 A3 20170301 (EN)

Application
EP 07102855 A 20070222

Priority
• US 78116706 P 20060310
• US 52124206 A 20060913

Abstract (en)
[origin: EP1833158A2] The system and method manages an electrical output (11) of a turbogenerator (10) in accordance with multiple modes. In a first mode, a direct current (DC) bus (14) receives power from the turbogenerator output (11) via a rectifier (12) where turbogenerator revolutions per unit time (e.g., revolutions per minute (RPM)) or an electrical output level of the turbogenerator output (11) meet or exceed a minimum threshold. In a second mode, if the turbogenerator revolutions per unit time or electrical output level of a turbogenerator output (11) are less than the minimum threshold, an electric drive motor (28) or a generator (42) mechanically powered by the engine provides electrical energy to the direct current bus (14).

IPC 8 full level
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Citation (search report)
• [Y] JP 2002038962 A 20020206 - HITACHI LTD, et al
• [Y] EP 1083319 A1 20010314 - HITACHI LTD [JP]
• [A] WO 9531855 A1 19951123 - ROSEN MOTORS LP [US], et al

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FR2971472A1; EP2131483A1; FR2932327A1; FR2931210A1; EP2873827A1

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